

NEBRASKA WEATHER & CROPS



For Week Ending April 14, 1991

Issue: 05-91

Phone: (402) 437-5541

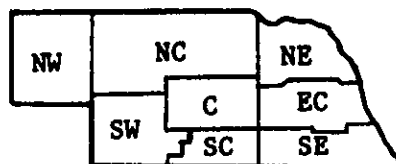
P.O. Box 81069

Released: 4/15/91 - 3:00 p.m.

Location: 273 Federal Bldg.

Lincoln, NE 68501

National Agricultural Statistics Service
U.S. Department of Agriculture
and U.S. Department of Commerce
National Oceanic and Atmospheric Admn.
National Weather Service



Nebraska Department of Agriculture
Division of Agr'l. Statistics
Cooperative Extension Service
Institute of Agriculture
and Natural Resources--UNL

WEATHER

Temperatures varied from six degrees below normal in the Panhandle to two degrees above in the east central. Precipitation occurred throughout the week with amounts ranging from three-tenths of an inch in the Panhandle up to almost three inches in the eastern portion.

GENERAL

The main activities of Nebraska farmers and ranchers this past week included calving activities and spring field work. Field work consisted mainly of cutting and shredding stalks, discing, oat and alfalfa seeding, and some spring crop planting.

CROPS

Winter wheat condition was rated as 32% poor, 32% fair, 35% good, and 1% excellent. In addition to problems with winter kill and insufficient moisture, high winds last week damaged some wheat fields. Weed control chemical applications have begun on thin stands in several areas.

Oat seeding made very good progress this past week in all areas of the State, reaching 74% completion statewide.

CROPS (Cont.)

Field preparations for corn planting continued where possible, while some producers waited for fields to dry out to begin planting and a few producers were able to put seeds in the ground.

Sugar beet planting activity continued with some producers nearing completion. Soil moisture supplies continue to be a concern for the beet growers.

Soil moisture supplies improved this past week due to rains received but were limited to topsoil improvements. A few reports indicated improved subsoil moisture, but overall, the subsoil moisture supply continues to deteriorate.

LIVESTOCK

Pasture and range condition was reported as 71% of normal, in the poor to fair category. Pastures are beginning to green up, but some areas report that this process remains slow due to the lack of moisture. Supplemental feeding continues where producers continue to hold cattle off of the spring pastures. Spring calving continues to go well and many producers are near completion.

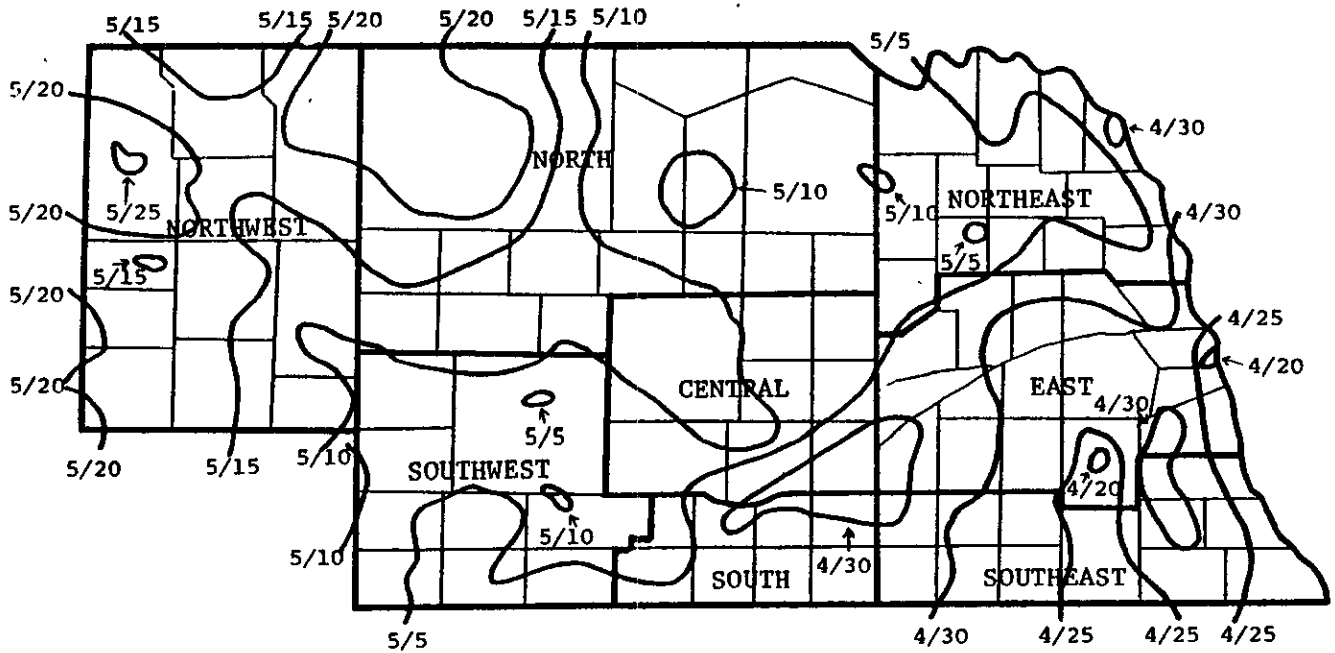
FIELD WORK PROGRESS AS OF APRIL 14, 1991	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% oat acreage planted	56	53	73	60	76	83	100	99	74	46	68	65
% corn planted	0	0	0	1	2	0	2	1	1	0	0	0
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF APRIL 12, 1991												
Days suitable	6.0	5.1	5.0	5.4	3.6	5.7	5.9	5.2	5.0	5.4	4.8	
Topsoil moisture - Short	71	45	21	31	4	43	22	47	34	36	20	
(Percent) - Adequate	29	50	53	69	76	57	78	53	58	61	80	
- Surplus	0	5	26	0	20	0	0	0	8	3	0	
Subsoil moisture - Short	76	76	63	87	48	86	100	79	73	70	88	
(Percent) - Adequate	24	24	37	13	52	14	0	21	27	30	12	
- Surplus	0	0	0	0	0	0	0	0	0	0	0	

NEBRASKA WEATHER & CROPS (ISSN 0745-0117) is published weekly April-November and monthly December-March by the Nebraska Department of Agriculture, Nebraska Agricultural Statistics Service (NASS), 100 Centennial Mall North, Room 273 Federal Building, Lincoln, NE 68508. Subscription is free to survey respondents upon request to NASS, P.O. Box 81069, Lincoln, NE 68501, or by calling (402) 437-5541 and available for \$15.00 per year to non-reporters. POSTMASTER: Send address changes to NEBRASKA WEATHER & CROPS, P.O. Box 81069, Lincoln, NE 68501.

NEBRASKA WEATHER & CROPS
P.O. Box 81069
Lincoln, NE 68501

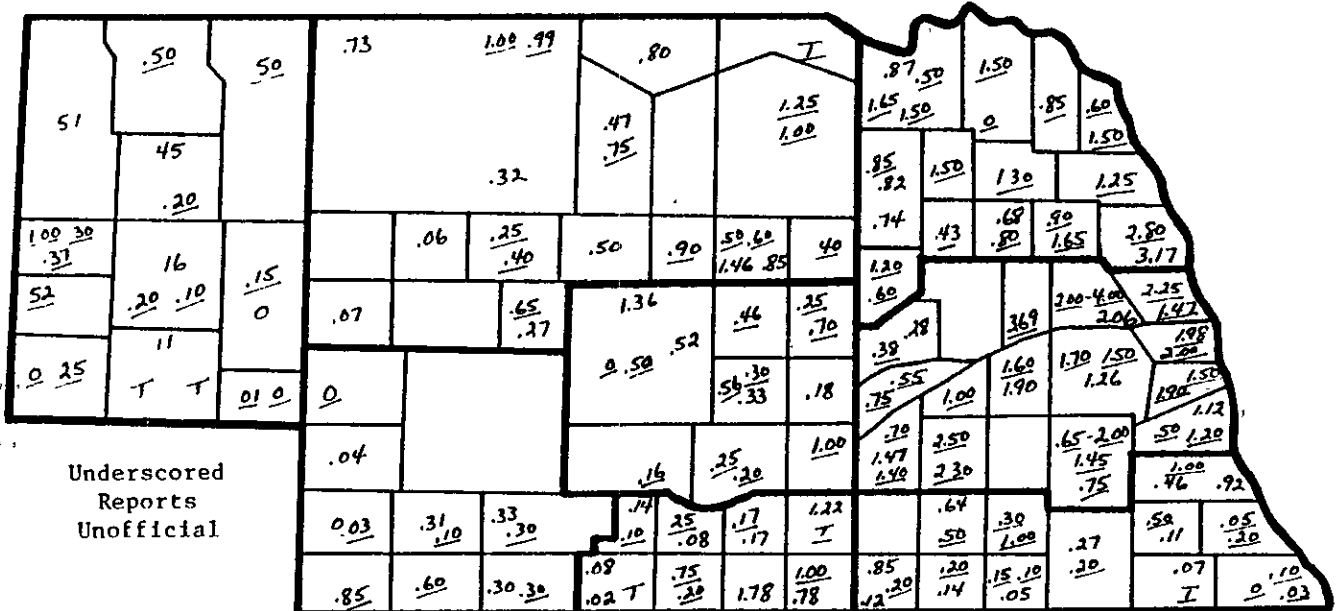
Second Class Postage
Paid at
Lincoln, Nebraska

AVERAGE DATE OF LAST 32°F TEMPERATURE IN SPRING 1/



1/ Map based on data from the 50-year period 1921-1970.

PRECIPITATION MAP FOR WEEK ENDING FRIDAY, APRIL 12, 1991



	Precipitation, April 1 - April 12, 1991							
	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week .....	.18	.55	1.26	.60	1.35	.20	.47	.37
Total since April 1 .....	.18	.56	1.27	.61	1.38	.24	.61	.48
Normal since April 1 .....	.62	.84	.96	.95	1.08	.69	.84	1.08

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, APRIL 14, 1991

Station		Temperature				Precipitation	Growing Degree Data		
		Extremes		Mean	Departure	Total Inches 1/	Week End 4/7	Since April 1	Normal Since 4/1
		Max	Min						
NW	Chadron	65	19	40	---	.39	---	---	---
	Scottsbluff	58	15	39	-6	.35	84	111	45
	Sidney	66	16	40	---	---	69	83	53
NC	Valentine	64	23	43	-1	1.11	95	123	32
	Norfolk	64	30	47	0	1.41	---	---	---
NE	Sioux City	59	28	46	-2	1.56	---	---	---
	Concord	---	---	---	---	---	98	115	55
	Elgin	---	---	---	---	---	91	106	49
	West Point*	---	---	---	---	---	104	123	59
CEN	Grand Island	67	32	48	0	.77	97	157	54
	Ord	63	30	46	---	.87	89	116	64
EC	Lincoln	70	33	51	+2	1.92	105	175	62
	Omaha	62	33	48	-1	2.95	100	153	47
	Columbus	---	---	---	---	---	99	139	54
SW	York	---	---	---	---	---	92	141	63
	Imperial	74	24	46	---	.26	---	---	---
SC	North Platte	64	24	46	0	.44	**82	**111	**64
	Holdrege	---	---	---	---	---	84	129	73
SE	Beatrice	---	---	---	---	---	105	151	85
	Clay Center	---	---	---	---	---	98	138	73

* Automated weather station. ** North Platte Experiment Station.

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. - min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 1.